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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:

Inventor: **RATH, Matthias**

Application **09/881,976**  
No.:

Group Art Unit: **1648**

Filed: **June 15, 2001**

Examiner: **JEFFREY J. STUCKER**

For: **METHOD OF PRODUCING VACCINES FROM PROTEIN SIGNAL  
OLIGOPEPTIDES**

**RECEIVED**

**DEC 23 2002**

**TECH CENTER 1600/2900**

Assistant Commissioner for Patents  
Washington D.C. 20231

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20231 on

Date: December 12, 2002

Reg. No. 46,877

Signature: \_\_\_\_\_

Siu K. Lo

**AMENDMENT UNDER 37 C.F.R. 1.111**

Sir:

This amendment is responsive to the Office Action dated June 12, 2002 in the above-captioned application. A request for a three-month extension of time is being filed concurrently herewith. Applicants respectfully request that the following Amendment be entered. The Commissioner is authorized to charge any required fees which may be due, or credit any overpayment, to Deposit Account No. 11-0600.

**IN THE CLAIMS:**

Please amend the following claims as follows:

1.

(Amended) A method of producing therapeutic peptides as vaccines in the prevention of human disease caused by a protein, the method comprising:

- a. identifying a protein responsible for causing human disease;
- b. identifying a signal oligopeptide sequences within the structure of the disease causing protein, wherein the signal oligopeptide representing the amino acid sequence of maximum hydrophilicity of the protein; and